

IV. AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A coaxial connector with a switch, comprising:
a housing for defining a terminal accommodation chamber opened
through a plug pin insertion hole extending along a plug insertion hole axis; and
a fixed terminal and a switch terminal which are held by the housing;
the switch terminal comprising a U-shaped section opened toward and
facing the plug pin insertion hole in the terminal accommodation chamber with
the plug insertion hole axis extending through the U-shaped section, the U-
shaped section being elastically deformable in a direction crossing the direction
of plug pin insertion;

the switch terminal being switched from a state in which it is brought into
contact with the fixed terminal to a state in which the contact thereof with the
fixed terminal is cut off as the U-shaped section is deformed in the direction
crossing the direction of plug pin insertion.

2. (Original) The coaxial connector with a switch according to claim 1,
wherein the fixed terminal comprises at least one fixed contact arranged
substantially parallel to the direction of plug pin insertion in the terminal
accommodation chamber,

wherein the U-shaped section in the switch terminal comprises first and
second movable contacts,

wherein the first movable contact can be brought into contact with the
fixed contact in the fixed terminal from a side, and the second movable contact
can be brought into contact with a side part of a plug pin inserted from the plug
pin insertion hole, and

wherein the second movable contact is brought into contact with the plug
pin, and the contact between the first movable contact and the fixed contact is cut
off when the plug pin is inserted from the plug pin insertion hole.

3. (Original) The coaxial connector with a switch according to claim 2,

wherein the first movable contact is displaced sideward as the plug pin displaces the second movable contact sideward when the plug pin is inserted from the plug pin insertion hole, so that the first movable contact separates from the fixed contact.

4. (Original) The coaxial connector with a switch according to claim 1, wherein the U-shaped section comprises first and second pieces connecting with each other through an elastic bending section and extending substantially parallel to the direction of plug pin insertion.

5. (Original) The coaxial connector with a switch according to claim 4, wherein the switch terminal comprises a fixed end and a free end, wherein the first piece and the second piece in the U-shaped section respectively connect with the fixed end and the free end, and wherein the first and second movable contacts are provided in the second piece in the U-shaped section.

6. (Original) The coaxial connector with a switch according to claim 1, wherein the switch terminal further comprises a section having a substantially S shape turned sideways.

7. (Original) The coaxial connector with a switch according to claim 6, wherein the switch terminal further comprises a fixed piece connecting with an end of the first piece in the U-shaped section through the elastic bending section, to form the section having a substantially S shape turned sideways in cooperation with the U-shaped section.

8. (Original) The coaxial connector with a switch according to claim 1, wherein the terminal accommodation chamber has an opening into which the fixed terminal and the switch terminal can be incorporated from the same direction.

9. (Currently Amended) The coaxial connector with a switch according to claim 2,

wherein ~~there are provided the~~ at least one fixed contact is two fixed contacts and two respective ones of the first and second movable contacts which respectively correspond to each other respective ones of the two fixed contacts.

10. (Currently Amended) The coaxial connector with a switch according to claim 9,

wherein the second piece in the U-shaped section in the switch terminal comprises a first section inserted between the two fixed contacts and a second section arranged closer to the free end in the switch terminal than the first section.

11. (Original) The coaxial connector with a switch according to claim 10, wherein a width of the second section in the second piece is larger than a width of the first section in the second piece, and

wherein the first section and the second section in the second piece forms a T shape.

12. (Original) The coaxial connector with a switch according to claim 10, wherein a width of the second section in the second piece is larger than a width of a clearance between the fixed contacts.

13. (Original) The coaxial connector with a switch according to claim 10, wherein the second section comprises a pair of ends opposed to each other, and

wherein the first movable contacts are provided at the ends in the second section respectively.

14. (Original) The coaxial connector with a switch according to claim 10, wherein the second section comprises an intermediate section between a

pair of the ends, and

wherein the second movable contact is provided in the intermediate section in the second section.

15. (Original) The coaxial connector with a switch according to claim 10, wherein the second section in the second piece includes a mountain-shaped section projecting toward the fixed contact.